

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/00159

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G03B5/06 G02B7/00 G02B7/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03B G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 197 15 451 C (DONNER WILFRIED) 17 December 1998 (1998-12-17) abstract column 1, line 60 -column 3, line 38 figures 1,2	1-17
A	US 5 502 598 A (KIMURA AKITERU ET AL) 26 March 1996 (1996-03-26) cited in the application abstract column 9, line 20 -column 10, line 34 figures 1,37	1-17
A	US 4 088 396 A (EDELSTEIN ARTHUR) 9 May 1978 (1978-05-09) abstract column 4, line 10 -column 6, line 46 figures 1,2	1-17
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*S\* document member of the same patent family

Date of the actual completion of the international search

21 March 2003

Date of mailing of the international search report

31/03/2003

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 907 730 A (CHANG GUANG-SHANG ET AL) 25 May 1999 (1999-05-25) column 2, line 8 - line 48 figure 1	1-17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/00159

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			WO 9847034 A1	22-10-1998
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